PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Marino Zerial

Marta Miaczynska

Serial No.: 10/564,435

Filed: January 10, 2006

For: APPL PROTEINS AS RAB5 EFFECTORS

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: DEBE:061US

CERTIFICATE OF ELECTRONIC SUBMISSION

DATE OF SUBMISSION: August 16, 2006

INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first

Official Action reflecting an examination on the merits, and hence is believed to be timely filed

in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the

filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R.

§§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the

Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit

Account No.: 50-1212/DEBE:061US.

Applicants respectfully request that the listed documents be made of record in the present

case.

Respectfully submitted,

Steven L. Highlander Reg. No. 37,642

Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P. 600 Congress Avenue, Suite 2400 Austin, Texas 78701 (512) 474-5201

Date:

August 16, 2006

| | | | | | | | Page 1 01 0 |
|--------------|---|--|---|--|--|--|---|
| TO-1449 | 9 (modified) | | 1 - | | | | |
| atante an | d Publications for A | nnlicant's | | | 10/ | 564,435 | |
| atents an | d I ublications for A | ppiicant s | Marino Zerial | | | | |
| ORMATIO | N DISCLOSURE STA | ATEMENT | Marta Miaczyns | ka | | | |
| (II | | | Filing Date: | | | - | |
| | | | | í | Un | | |
| | | Foreign | | | | | |
| 500 1 | # 5 0 1 | | 5002 #80 1 | | | Dec 2 t | 30.1 |
| | | U.S. Pat | ent Documen | ts | | | |
| Ref. Des. | Document Number | Date | Name | | Class | Sub Clas | • |
| | | | | | | | |
| | Fo | reign P | atent Docume | ents | | | |
| Ref. Des. | Document Number | Date | Country | Clas | | | Translation Yes/No |
| B1 | EP 1088898 | 04/04/01 | Europe | | | | English |
| B2 | WO 01/20022 | 03/22/01 | WIPO | | | | English |
| В3 | WO 2005/005475 | 01/2005 | WIPO | | | | English |
| Dther / | ====================================== | Autho | r, Title, Date F | ertin | ent P | ages | , Etc.) |
| Ref. | | | Citation | | | | <u>, , , , , , , , , , , , , , , , , , , </u> |
| Des. | <u> </u> | | | | | | |
| C1 | Ahringer, "NuRD at 16:351-6, 2000. | Ahringer, "NuRD and SIN3 histone deacetylase complexes in development," <i>Trends Genet</i> , 16:351-6, 2000. | | | nds Genet, | | |
| C2 | Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," Nucleic Acids Res, 25:3389-402, 1997. | | | | | | |
| C3 | Barbieri et al., "Epidermal growth factor and membrane trafficking. EGF recptor activation of endocytosis requires Rab5a," J Cell Biol, 151:539-50, 2000. | | | | | | |
| C4 | Bucci et al., "The small GTPase Rab5 functions as a regulatory factor in the early endocytic pathway," Cell, 70:715-728, 1992. | | | | | | |
| C5 | Cavalli et al., "The stress-induced MAP kinase p38 regulates endocytic trafficking via the GDI:Rab5 complex," Mol Cell, 7:421-32, 2001. | | | | | | |
| C6 | Chang and Karin, "I | Mammalian I | MAP kinase signalling | cascades | ," Nature | , 410:37 | '-40, 2001 . |
| C7 | Christoforidis et al., "Phosphatidylinositol-3-OH kinases are Rab5 effectors," Nat Cell Biol, 1:249- | | | | | | |
| C8 | Christoforidis et al., "The Rab5 effector EEA1 is a core component of endosome docking," Nature, 397:621-625, 1999. | | | docking," Nature, | | | |
| | | | | | | | |
| 1 | | | | | | | |
| | Ref. Des. B1 B2 B3 Other A C2 C3 C4 C5 C6 C7 | C1 Ahringer, "NuRD at 16:351-6, 2000. C2 Altschul et al., "Gapprograms," Nucleic C3 Barbieri et al., "Gapprograms," Nucleic C4 Bucci et al., "The send and send an | Ref. Document Number B1 EP 1088898 04/04/01 B2 WO 01/20022 03/22/01 B3 WO 2005/005475 01/2005 C1 Ahringer, "NuRD and SIN3 histor 16:351-6, 2000. C2 Altschul et al., "Gapped BLAST programs," Nucleic Acids Res, 2: 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. | Patents and Publications for Applicant's ORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) S. Patent Documents See Page 1 See Page 1 | Applicant Marino Zerial Marta Miaczynska Filing Date: January 10, 2006 S. Patent Documents See Page 1 U.S. Patent Documents Ref. Document Number Foreign Patent Documents Ref. Document Number B1 EP 1088898 04/04/01 Europe B2 WO 01/20022 03/22/01 WIPO B3 WO 2005/005475 01/2005 WIPO Dther Art (Including Author, Title, Date Pertines. C1 Ahringer, "NuRD and SIN3 histone deacetylase complexes in deacetylase com | Patents and Publications for Applicant's Applicant Marino Zerial Marta Miaczynska Filling Date: January 10, 2006 Un S. Patent Documents See Page 1 U.S. Patent Documents See Page 1 U.S. Patent Documents See Page 1 U.S. Patent Documents Ref. Document Number Patent Number Foreign Patent Documents Ref. Document Number B1 EP 1088898 04/04/01 Europe B2 WO 01/20022 03/22/01 WIPO B3 WO 2005/005475 01/2005 WIPO Other Art (Including Author, Title, Date Pertinent P Ref. Des. C1 Ahringer, "NuRD and SIN3 histone deacetylase complexes in development 16:351-6, 2000. C2 Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of programs," Nucleic Acids Res, 25:3389-402, 1997. C3 Barbieri et al., "Epidermal growth factor and membrane trafficking. EGF endocytosis requires Rab5a," J Cell Biol, 151:539-50, 2000. C4 Bucci et al., "The small GTPase Rab5 functions as a regulatory factor in topathway," Cell, 70:715-728, 1992. C5 Cavalli et al., "The stress-induced MAP kinase p38 regulates endocytic trafficities of the component of the C7 Christoforidis et al., "Phosphatidylinositol-3-OH kinases are Rab5 effector 252, 1999. C8 Christoforidis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of endocytoridis et al., "The Rab5 effector EEA1 is a core component of | Patents and Publications for Applicant's ORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) S. Patent Documents See Page 1 Class Foreign Patent Documents See Page 1 Class Sub Class Foreign Patent Documents Ref. Document Date Number Date Number Foreign Patent Documents Ref. Document Des. Number Class Sub Class B1 EP 1088898 04/04/01 Europe B2 WO 01/20022 03/22/01 WIPO B3 WO 2005/005475 01/2005 WIPO Other Art (Including Author, Title, Date Pertinent Pages) Ref. Des. C1 Ahringer, "NuRD and SIN3 histone deacetylase complexes in development," Tre. 16:351-61, 2000. C2 Altschule ral., "Gapped BLAST and PSI-BLAST: a new generation of protein da programs," Nucleic Acids Res, 25:3389-402, 1997. C3 Barbieri et al., "Epidermal growth factor and membrane trafficking. EGF recptor endocytosis requires Rab5a," J Cell Biol, 151:539-50, 2000. C4 Bucci et al., "The small GTPase Rab5 functions as a regulatory factor in the early pathway," Cell, 70:715-728, 1992. C5 Cavalli et al., "The stress-induced MAP kinase p38 regulates endocytic trafficking GDI:Rab5 complex," Mol Cell, 7:421-32, 2001. C6 Chang and Karin, "Mammalian MAP kinase signalling cascades," Nature, 410:37 C7 Christoforidis et al., "The Rab5 effector EEA1 is a core component of endosome. |

| Form PTO-1449 (modified) | | Atty. Docket No. DEBE:061US | Serial No. 10/564,435 |
|--------------------------------------|-------------|----------------------------------|--------------------------|
| List of Patents and Publications for | Applicant's | Applicant Marino Zerial | |
| Information Disclosure St | ATEMENT | Marta Miaczynska | |
| (Use several sheets if necessar | y) | Filing Date: January 10, 2006 | Group: Unknown |
| U.S. Patent Documents | Foreign P | atent Documents | Other Art |
| See Page 1 | | ee Page 1 | See Page 1 |

| Exam. Init. | Ref. Des. | Citation |
|----------------|--------------|--|
| | С9 | De Renzis et al., "Divalent rab effectors regulate the sub-compartmental organization and sorting of early endosomes," Nature Cell Biology, 4:124-133, 2002. |
| | C10 | Di Fiore et al., "Endocytosis and signaling: an inseparable partnership," Cell, 106:1-4, 2001. |
| | C11 | Dowler <i>et al.</i> , "Identification of pleckstrin-homology-domain-containing proteins with novel phosphoinositide-binding specificities," <i>Biochem J</i> , 351:19-31, 2000. |
| | C12 | Dumont et al., "Cross signaling, cell specificity, and physiology," Am J Physiol Cell Physiol, 283:C2-28, 2002. |
| | C13 | Elbashir et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," Nature, 411:494-8, 2001. |
| | C14 | Elliott et al., "The c-Myc-interacting adaptor protein Bin1 activates a caspase-independent cell death program," Oncogene, 19:4669-84, 2000. |
| | C15 | Feng et al., "The MeCP1 complex represses transcription through preferential binding, remodeling, and deacetylating methylated nucleosomes," <i>Genes Dev</i> , 15:827-32, 2001. |
| | C16 | Fischer <i>et al.</i> , "CAFASP-1:critical assessment of fully automated structure prediction methods," <i>Proteins</i> , Suppl. 3:209-17, 1999. |
| | C17 | Forcet <i>et al.</i> , "The dependence receptor DCC (deleted in colorectal cancer) defines an alternative mechanism for caspase activation," <i>Proc Natl Acad Sci USA</i> , 98:3416-21, 2001. |
| | C18 | Giaccia et al., "The complexity of p53 modulation:emerging patterns from divergent signals," Genes Dev. 12:2973-83, 1998. |
| | C19 | Grimes et al., "Endocytosis of activated TrkA: evidence that nerve growth factor induces formation of signaling endosomes," J Neurosci, 16:7950-64, 1996. |
| | C20 | Gronroos et al., "Control of Smad7 stability by competition between acetylation and ubiquitination," Mol Cell, 10:483-93, 2002. |
| | C21 | Habermann, "The bar-domain family of proteins: a case of bending and binding?" <i>EMBO Reports</i> , 5:250-255, 2004. |
| | C22 | Horiuchi <i>et al.</i> , "A novel Rab5 GDP/GTP exchange factor complexed to rabaptin-5 links nucleotide exchange to effector recruitment and function," <i>Cell</i> , 90:1149-1159, 1997. |

25658945.1

| Examiner: | DATE CONSIDERED: |
|-----------|------------------|
| | |

| Form PTO-1449 (modified) | | Atty. Docket No. | Serial No. | |
|--------------------------------------|-------------|------------------|------------|--|
| | | DEBE:061US | 10/564,435 | |
| List of Patents and Publications for | Applicant's | Applicant | | |
| | | Marino Zerial | | |
| INFORMATION DISCLOSURE STATEMENT | | Marta Miaczynska | | |
| | | Filing Date: | Group: | |
| (Use several sheets if necessary) | | January 10, 2006 | Unknown | |
| U.S. Patent Documents | Foreign P | atent Documents | Other Art | |
| See Page 1 Se | | ee Page 1 | See Page 1 | |

| Exam. Init. | Ref. Des. | Citation |
|----------------|--------------|---|
| | C23 | Humphrey et al., "Stable histone deacetylase complexes distinguished by the presence of SANT domain proteins CoREST/kiaa0071 and Mta-L1," J Biol Chem, 276:6817-24, 2001. |
| | C24 | Itoh et al., "The FYVE domain in Smad anchor fo receptor activation (SARA) is sufficient for localization of SARA in early endosomes and regulates TGF-beta/Smad signalling, " Genes Cells, 7:321-31, 2002. |
| | C25 | Jäckle et al., "Trafficking of the epidermal growth factor receptor and transferrin in three hepatocytic endosomal fractions," J Biol Chem, 266:1396-1402, 1991. |
| | C26 | Johannessen <i>et al.</i> , "Epidermal growth factor receptor efficiently activates mitogen-activated protein kinase in HeLa cells and Hep2 cells conditionally defective in clathrin-dependent endocytosis," <i>Exp Cell Res</i> , 260:136-45, 2000. |
| | C27 | Kao et al., "Expression of a dominant interfering dynamin mutant in 3T3L1 adipocytes inhibits GLUT4 endocytosis without affecting insulin signaling," J Biol Chem, 273:25450-7, 1998. |
| | C28 | Keino-Masu <i>et al.</i> , "Deleted in colorectal cancer (DCC) encodes a netrin receptor," <i>Cell</i> , 87:175-85, 1996. |
| | C29 | Komada <i>et al.</i> , "Growth factor induced tyrosine phosphorylation of Hrs, a novel 115-kilodalton protein with a structurally conserved putative zinc finger domain," <i>Mol Cell Biol</i> , 15:6213-21, 1995. |
| | C30 | Lanzetti, et al, "The Eps8 protein coordinates EGF receptor signaling through Rac and trafficking through Rab5," Nature, 408:374-7, 2000. |
| | C31 | Lippe et al., "Functional synergy between Rab5 effector rabaptin-5 and exchange factor rabex-5 when physically associated in a complex," Mol Biol Cell, 12:2219-28, 2001. |
| | C32 | Liu et al., "Mediation of the DCC apoptotic signal by DIP13 alpha," J Biol Chem, 277:26281-5, 2002. |
| | C33 | Lu et al., "lin-35 and lin-53, two genes that antagonize a C. elegans Ras pathway, encode proteins similar to Rb and its binding protein RbAp48," Cell, 95:981-91, 1998. |
| | C34 | Lu et al., "Transforming growth factor beta activates Smad2 in the absence of receptor endocytosis," J. Biol Chem, 277:29363-8, 2002. |

25658945.1

| Examiner: | DATE CONSIDERED: |
|-----------|------------------|
| | |

| (| | Atty. Docket No. DEBE:061US | Serial No. 10/564,435 |
|--------------------------------------|-------------|-----------------------------------|---------------------------------------|
| List of Patents and Publications for | Applicant's | Applicant | · · · · · · · · · · · · · · · · · · · |
| Information Disclosure St | TA TEMENIT | Marino Zerial Marta Miaczynska | |
| INFORMATION DISCLOSURE ST | ATEMENT | Filing Date: | Group: |
| (Use several sheets if necessary) | | January 10, 2006 | Unknown |
| U.S. Patent Documents | Foreign P | atent Documents | Other Art |
| See Page 1 | | ee Page 1 | See Page 1 |

| Exam. Init. | Ref. Des. | Citation |
|----------------|--------------|---|
| | C35 | Luetterforst <i>et al.</i> , "Molecular characterization of caveolin association with the golgi complex:identification of a cis-golgi targeting domain in the caveolin molecule," <i>J Cell Biol</i> , 145:1443-59, 1999. |
| | C36 | Luo et al., "Deacetylation of p53 modulates its effect on cell growth and apoptosis," Nature, 408:377-81, 2000. |
| | C37 | Martinu et al., "Endocytosis of epidermal growth factor receptor regulated by Grb2-mediated recruitment of the Rab5 GAP RN-tre," J Biol Chem, 277:50996-51002, 2002. |
| | C38 | McPherson et al., "Signaling on the endocytic pathway," Traffic 2:375-84, 2001. |
| | C39 | Miaczynska et al., "APPL proteins link rab5 to nuclear signal transduction via an endosomal compartment," Cell, 116:445-456, 2004. |
| | C40 | Miaczynska et al., "Not just a sink: endosomes in control of signal transduction," Current Opinion in Cell Biology, 16:400-406, 2004. |
| | C41 | Miaczynska et al., "Mosaic organization of the endocytic pathway," Exp Cell Res, 272:8-14, 2002. |
| | C42 | Mitsuuchi <i>et al.</i> , "Identification of a chromosome 3p14.3-21.1 gene, APPL, encoding an adaptor molecule that interacts with the oncoprotein-serine/threonine kinase AKT2," <i>Oncogene</i> , 18:4891-8, 1999. |
| | C43 | Nakai and Horton, "PSORT:a program for detecting sorting signals in proteins and predicting their subcellular localization," <i>Trends Biochem Sci</i> , 24:34-35, 1999. |
| | C44 | Nielsen <i>et al.</i> , "Rabenosyn-5, a novel Rab5 effector, is complexed with hVPS45 and recruited to endosomes through a FYVE finger domain," <i>J Cell Biol</i> , 151:601-12, 2000. |
| | C45 | Panopoulou <i>et al.</i> , "Early endosomal regulation of Smad-dependent signaling in endothelial cells," <i>J Biol Chem</i> , 277:18046-52, 2002. |
| | C46 | Patki et al., "Identification of an early endosomal protein regulated by phosphatidylinositol 3-kinase," Proc Natl Acad Sci USA, 94:7326-30, 1997. |
| | C47 | Pelkmans <i>et al.</i> , "Caveolar endocytosis of simian virus 40 reveals a new two-step vesicular-transport pathway to the ER," <i>Nat Cell Biol</i> , 3:473-83, 2001. |
| | C48 | Raiborg et al., "FYVE and coiled-coil domains determine the specific localisation of Hrs to early endosomes," J Cell Sci, 114:2255-63, 2001. |

25658945.1

| | l · |
|-----------|------------------|
| Examiner: | DATE CONSIDERED: |

| Form PTO-1449 (modified) | | Atty. Docket No. DEBE:061US | Serial No. 10/564,435 | |
|--------------------------------------|-------------|----------------------------------|--------------------------|--|
| List of Patents and Publications for | Applicant's | Applicant | | |
| | | Marino Zerial | | |
| INFORMATION DISCLOSURE ST | TATEMENT | Marta Miaczynska | | |
| (Use several sheets if necessar | ту) | Filing Date: January 10, 2006 | Group: Unknown | |
| U.S. Patent Documents | Foreign P | atent Documents | Other Art | |
| See Page 1 | | ee Page 1 | See Page 1 | |

| Exam. Init. | Ref. Des. | Citation |
|----------------|--------------|---|
| | C49 | Rubino et al., "Selective membrane recruitment of EEA1 suggests a role in directional transport of clathrin-coated vesicles to early endosomes," <i>J Biol Chem</i> , 275:3745-8, 2000. |
| | C50 | Rybin et al., "GTPase activity of Rab5 acts as a timer for endocytic membrane fusion," Nature, 383:266-269, 1996. |
| | C51 | Sabharanjak <i>et al.</i> , "GPI-anchored proteins are delivered to recycling endosomes via a distinct cdc42-regulated, clathrin-independent pinocytic pathway," <i>Dev Cell</i> , 2:411-23, 2002. |
| | C52 | Sakamuro et al., "BIN1 is a novel MYC-interacting protein with features of a tumour suppressor," Nat Genet, 14:69-77, 1996. |
| | C53 | Schultz <i>et al.</i> , "SMART, a simple modular architecture research tool: identification of signaling domains," <i>Proc Natl Acad Sci U S A</i> , 95:5857-64, 1998. |
| | C54 | Shevchenko et al., "Mass spectrometric sequencing of proteins silver-stained polyacrylamide gels," Anal Chem, 68:850-858, 1996. |
| | C55 | Shevchenko <i>et al.</i> , "Rapid 'de novo' peptide sequencing by a combination of nanoelectrospray, isotopic labeling and a quadrupole/time-of flight mass spectrometer," <i>Rapid Comm Mass Spectrom</i> , "11:1015-1024, 1997. |
| | C56 | Simonsen <i>et al.</i> , "EEA1 links phosphatidylinositol 3-kinase function to Rab5 regulation of endosome fusion," <i>Nature</i> , 394:494-498, 1998. |
| | C57 | Sonnichsen <i>et al.</i> , "Distinct membrane domains on endosomes in the recycling pathway visualized by multicolor imaging of Rab4, Rab5, and Rab11," <i>J Cell Biol</i> , 149:901-14, 2000. |
| | C58 | Sorkin et al., "Signal transduction and endocytosis: close encounters of many kinds," Nat Rev Mol Cell Biol, 3:600-14, 2002. |
| | C59 | Stenmark <i>et al.</i> , "Inhibition of Rab5 GTPase activity stimulates membrane fusion in endocytosis," <i>EMBO J.</i> , 13:1287-1296, 1994. |
| | C60 | Tall et al., "Ras-activated endocytosis is mediated by the Rab5 guanine nucleotide exchange activity of RIN1," Dev Cell, 1:73-82, 2001. |
| | C61 | Tarricone <i>et al.</i> , "The structural basis of Arfaptin-mediated cross-talk between Rac and Arf signalling pathways," <i>Nature</i> , 411:215-9, 2001. |
| | C62 | Taunton <i>et al.</i> , "A mammalian histone deacetylase related to the yeast transcriptional regulator Rpd3p," <i>Science</i> , 272:408-11, 1996. |
| 25658945.1 | | 1 * ** |

EXAMINER:

DATE CONSIDERED:

| Form PTO-1449 (modified) | | Atty. Docket No. DEBE:061US | Serial No. 10/564,435 |
|--|--------------------------|----------------------------------|--------------------------|
| List of Patents and Publications for Applicant's | | Applicant | |
| | | Marino Zerial | |
| INFORMATION DISCLOSURE STATEMENT | | Marta Miaczynska | |
| (Use several sheets if necessary) | | Filing Date: January 10, 2006 | Group: Unknown |
| U.S. Patent Documents | Foreign Patent Documents | | Other Art |
| See Page 1 | See Page 1 | | See Page 1 |

| Exam. Init. | Ref. Des. | Citation | | |
|----------------|--------------|---|--|--|
| | C63 | Teis et al., "Localization of the MP1-MAPK scaffold complex to endosomes is mediated by p14 and required for signal transduction," <i>Dev Cell</i> , 3:803-14, 2002. | | |
| | C64 | Trischler et al., "Biochemical analysis of distinct Rab5- and Rab11- positive endosomes along the transferrin pathway," J Cell Sci, 112:4773-83, 1999. | | |
| | C65 | Tsukazaki et al., "SARA, a FYVE domain protein that recruits Smad2 to the TGFbeta receptor," Cell, 95:779-91, 1998. | | |
| | C66 | Unhavaithaya <i>et al.</i> , "MEP-1 and a Homolog of the NURD complex component Mi-2 act together to maintain germline-soma distinctions in C.elegans," <i>Cell</i> , 111:991-1002, 2002. | | |
| | C67 | Van Aelst <i>et al.</i> , "Identification of a novel Rac1-interacting protein involved in membrane ruffling," <i>EMBO J</i> , 15:3778-86, 1996. | | |
| | C68 | Vieira et al., "Control of EGF receptor signaling by clathrin-mediated endocytosis," Science, 274:2086-9, 1996. | | |
| | C69 | Vousden, K.H., "p53: death star," Cell, 103:691-4, 2000. | | |
| | C70 | Yang et al., "APPL supresses androgen receptor transactivatyion via potentiating Akt activity," The Journal of Biological Chemistry, 278(19):16820-16827, 2003. | | |
| | C71 | Yarden, "The EGFR family and its ligands in human cancer. signalling mechanisms and therapeutic opportunities," <i>Eur J Cancer</i> , 37(Suppl 4):S3-8, 2001. | | |
| | C72 | Yoshida <i>et al.</i> , "Trichostatin A and trapoxin: novel chemical probes for the role of histone acetylation in chromatin structure and function," <i>Bioessays</i> , 17:423-30, 1995. | | |
| | C73 | Zerial and McBride, "Rab proteins as membrane organizers," Nat Rev Mol Cell Biol, 2:107-17, 2001. | | |

25658945.1

| Examiner: | DATE CONSIDERED: |
|-----------|------------------|